

SARGENT®

ASSA ABLOY

8/9 Line

Bored Knob Locks



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8/9 Line Bored Knob Locks

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Specifications

For Doors	1-3/8" (35mm) thick door adjustable to 1-3/4" (44mm) standard; specify 31- for thick doors 1-7/8" to 2-1/4" (8 line only); for doors over 2-1/4" to 6", contact factory
Backsets	2-3/4" (70mm) standard 3-3/4" (95mm) backset available (23- option) (8 line only) 5" (127mm) backset available (25- option) (8 line only)
Aligning Tube	Machined brass from solid bar stock (8 Line only)
Front	Heavy wrought brass, bronze or stainless steel 2-1/4" (57mm) x 1-1/8" (29mm) Self-adjusting for flat to 1/8" (3mm) in 2" (51mm) bevel
Strike	Heavy wrought brass, bronze or stainless steel 800 curved lip strike standard 808 ANSI curved lip strike available (28- option) Wrought box strike available (WBS- option)
Hand	Universal, not handed
Knob	Heavy wrought brass, bronze or stainless steel
Roses	Heavy wrought brass, bronze or stainless steel
Latch Tube	Hard drawn seamless brass tube (8 line only)
Latch	Stainless steel bolt 7/8" (22mm) dia. x 1/2" (13mm) throw 3/4" (19mm) throw for pairs of doors (41- option)
Cylinder	Brass, 6 pin, LA keyway standard
Keys	Two, nickel silver
Masterkeying	Can be masterkeyed or grand masterkeyed Construction key systems available
Finishes	3, 4, 10, 10B, 10BL, 15, 20D, 26, 26D, 32 and 32D
Door Prep	ANSI A115.2 (US 161)
Minimum Stile	4-1/4" (108mm) with B and O roses with 2-3/4" backset 4-1/2" (114mm) with E and L roses with 2-3/4" backset
9 Line Only	Corrosion resistant parts – stainless steel and non-ferrous. Only available in specified functions

Certification Compliance

ANSI	Certified ANSI A156.2 Series 4000 - Grade 1
UL	UL Listed to U.S.A. and Canadian safety standards. Listed for 3 Hour Doors (double doors require 41 - option)
Positive Pressure	Meets UL 10C and UBC 7-2 (1997)

Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Sargent Manufacturing Company makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

On the Cover

SARGENT 8G37 X BC X 32D
Classroom Lock with B rose and C knob in Satin Stainless Steel

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8 & 9 Line Locks

The basic difference between the 8 and 9 line knob locks, is the 9 line is for Marine Grade applications. Marine Grade meaning the lock bodies are constructed of non ferrous materials and/or Stainless steel, both materials are highly corrosive resistant.



MicroShield®

As part of their promise to provide innovative solutions to their customers, certain ASSA ABLOY Group brands offer the MicroShield® technology, a silver-based antimicrobial coating designed to inhibit the growth of bacteria. MicroShield® is a registered trademark of Yale Security Inc., an ASSA ABLOY Group company.

MicroShield® Coating

- Revolutionary finish coating available on all SARGENT product lines, utilizes a silver-based antimicrobial compound from Agion Technologies
- As an integral part of the finish coating, MicroShield® lasts for the life of the hardware
- MicroShield® coating permanently suppresses the growth of bacteria, algae, fungus, mold and mildew. It is effective against a broad spectrum of bacteria.
- Non-toxic and completely safe. The Agion antimicrobial compound is EPA and NSF approved and FDA listed for use in medical and food preparation equipment.
- Applications: Anywhere there is need for a clean environment (hospitals, laboratories, schools, medical centers, daycare, food processing etc.)



Agion has achieved:



Agion's silver antimicrobial has been certified for its material content, recyclability, and manufacturing characteristics. Cradle To Cradle Certified^{CM} products meet established standards for human health, environmental health and recyclability.

Cradle To Cradle Certified^{CM} is a certification mark of MBDC.

ASSA ABLOY, the global leader in door opening solutions

Features & Benefits

8/9 Line Bored Knob Locks

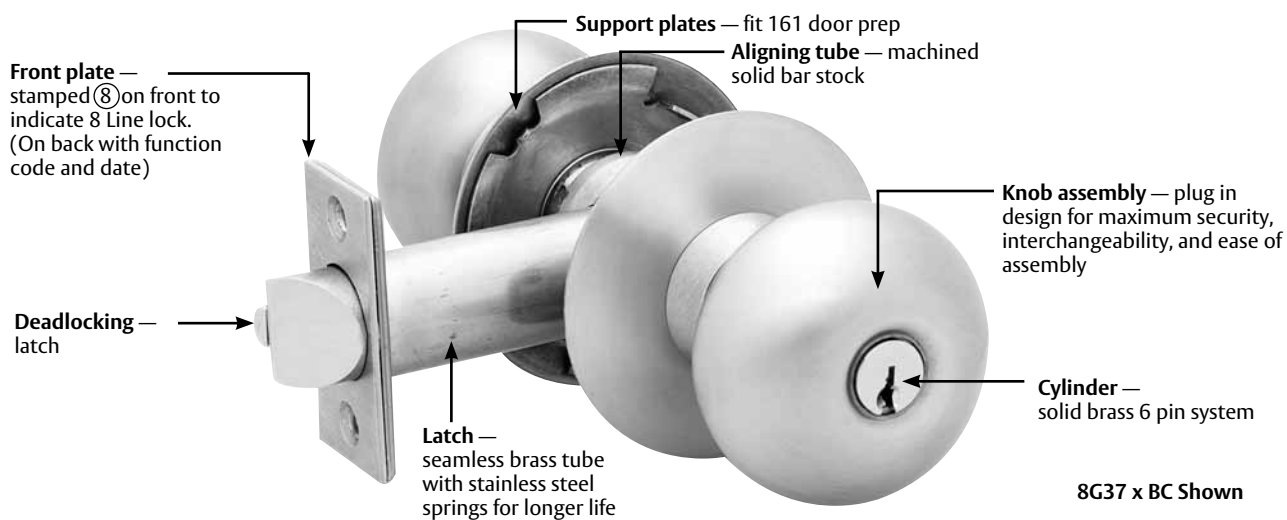
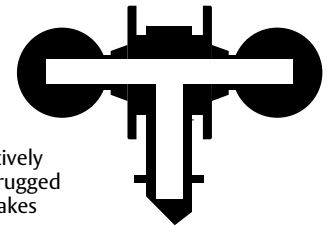
SARGENT®
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Features & Benefits

The SARGENT 8 line sets a higher standard for Grade 1 bored-in locks. The unique, 8 line construction provides unequalled strength and durability for the most demanding applications. This is accomplished by true interlocking between the lockbody and the latch.

Specify the SARGENT 8/9 line when you need the ultimate in strength and durability in a bored knob lock.

Direct linkage with fixed alignment between the hub and the latch bolt is the best construction for quietly and effectively operating the latch. For this reason, SARGENT has developed the interlocking aligning and latch tubes, which form a rugged torque resistant "T" in the critical twist area. This "T-Zone" construction, combined with long lasting components, makes 8 & 9 line knob locks outstanding!



Features & Benefits

Durability

- Heavy duty T-Zone construction with interlocking latch and aligning tubes
- Exceeds ANSI A156.2 Series 4000 Grade 1
- 9 Line incorporates stainless and non-ferrous components for corrosion resistance
- 9 Line is ideal for marine and other severe climate environments

Flexibility

- 1-3/8" (35mm) thick door adjustable to 1-3/4" (44mm) standard; specify 31- for thick doors 1-7/8" to 2-1/4" (8 line only); for doors over 2-1/4" to 6", contact factory
- Latches are reversible, self-adjusting to door bevel and available in 3 standard backsets
- Accepts SARGENT standard, high security and interchangeable core cylinders
- Large selection of functions
- 2 knob and 4 rose designs in 11 finishes
- Accurate alignment, smooth operation and reversibility of the lock without disassembly of knob and cylinder
- Versatile design to satisfy door requirements, making installation easy for new construction, as well as retrofits and renovations
- Design accommodates common door preps and satisfies all door handing
- Maintain and expand master keying systems' versatility for multiple levels of security
- Handles virtually all interior and exterior applications
- Complements and blends with trim designs of other SARGENT locks for unified appearance. Mix roses and knobs for custom look.

Applications

- High traffic areas
- Hospitals
- Commercial buildings
- 9 Line is Marine Grade

Innovation

- SARGENT's revolutionary MicroShield® available. This antimicrobial silver-based finish coating permanently suppresses the growth of bacteria, algae, fungus, mold and mildew. EPA and NSF approved and FDA listed.
- Broad offering of electro-mechanical configurations offer higher security for the most demanding access/egress control applications



Knob & Rose Designs

8/9 Line Bored Knob Locks

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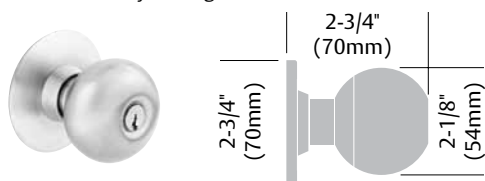
Design combinations are not limited to those shown. Any rose and knob on this page can be combined to suit individual taste.

Knob projections shown are for 1-3/4" (44mm) thick doors and will vary by door thickness.

SARGENT Large Format Interchangeable (Removable) Core cylinder is available with "C" knob design only.

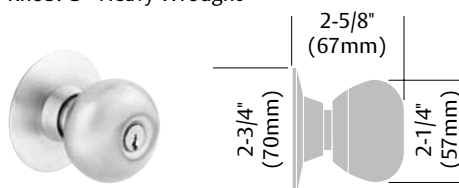
OB Design

- Rose: O – Heavy Wrought
- Knob: B – Heavy Wrought



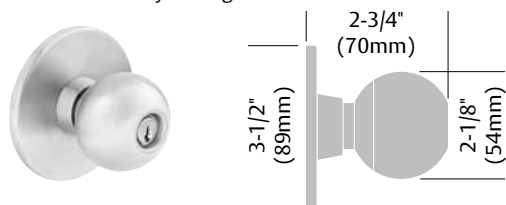
BC Design

- Rose: B – Heavy Wrought
- Knob: C – Heavy Wrought



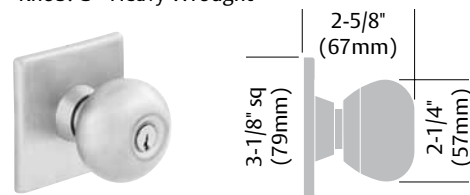
LB Design

- Rose: L – Heavy Wrought
- Knob: B – Heavy Wrought

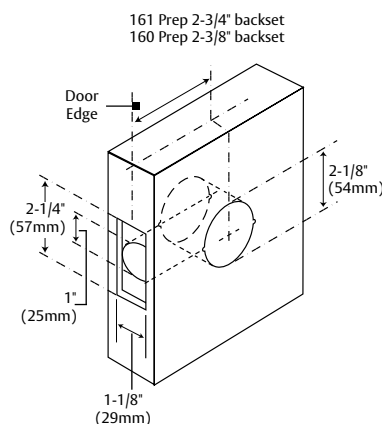


EC Design

- Rose: E – Heavy Wrought
- Knob: C – Heavy Wrought



161 & 160 Door Prep



161 cutouts x 800 Strike
(Standard)

If weather stripping, acoustical materials or silencers are used on the door or frame, care must be taken in the installation so that it will not interfere with the ease in which the latch enters the strike.

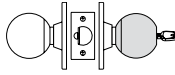
Functions

8/9 Line Bored Knob Locks

Single Cylinder Functions

04 Storeroom or Closet

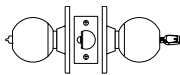
8G04/9G04



- Key outside retracts latch
- Knob outside rigid at all times
- Knob inside retracts latchbolt
- Deadlocking latch
- **ANSI F86**

05 Entrance or Office

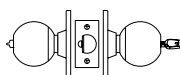
8G05/9G05



- Key outside retracts latch always
- Button inside can be pushed-in & turned only
- Button inside pushed-in & turned, locks outside knob until released manually
- Knob inside always retracts latchbolt
- Deadlocking latch
- **ANSI F81**

24 Entry or Office

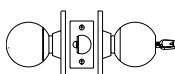
8G24/9G24



- Knob outside retracts latch, unless locked
- Key outside retracts latch when outside knob is locked
- Knob inside always retracts latch
- Button inside pushed-in or pushed-in & turned locks knob outside
- Button pushed-in only is released by key or turning inside knob
- Button pushed-in & turned must be released manually
- Closing door does not unlock outside knob
- Deadlocking latch
- **ANSI F82**

37 Classroom

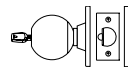
8G37/9G37



- Key outside locks or unlocks knob outside
- Knob outside retracts latch unless locked
- Knob inside always retracts latch
- Deadlocking latch
- **ANSI F84**

39 Exit

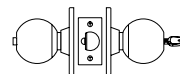
8G39



- Knob inside retracts latch except when locked
- Key inside locks and unlocks inside knob
- No outside operation. Blank rose
- Deadlocking latch
- For 1-3/8" (35mm) or 1-3/4" (44mm) thick doors only: Must specify when ordering
- Minimum clearance of 1" (25mm) required between doors

44 Service Station

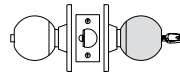
8G44/9G44



- Knob outside retracts latch unless locked
- Key outside retracts latch when outside knob is locked
- Button inside pushed-in locks outside knob
- Button can not be pushed-in unless door is in closed position
- Button is released by turning inside knob, closing door or by key in outside knob unless push button is fixed in locked position by turning coin slot in inside knob
- Deadlocking latch
- **ANSI F92**

50 Hotel, Dormitory or Apartment

8G50



- Key outside or Knob inside retracts latch
- Knob outside is always rigid
- Depressing push button when door is closed shuts out all keys except emergency key and projects visual occupancy indicator on cylinder face
- Push button released by turning inside knob, automatically reactivating all keys and retracting visual occupancy indicator
- Lock out key fixes push button in locked position, shutting out all keys except emergency key and is not released by turning inside knob,
- Fixed push button is only released with lock out key
- Deadlocking latch
- Lock out key provided (14-0299)
- See option page for restrictions to 50 function
- **ANSI F93**

NOTE: Shaded knob indicates it is rigid at all times

◆ Use only on rooms with more than one exit.

Functions

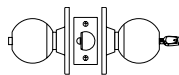
8/9 Line Bored Knob Locks

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Single Cylinder Functions (Continued)

54 Corridor, Dormitory

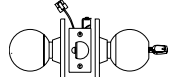
8G54



- Knob outside retracts latch unless locked
- Key outside locks or unlocks knob outside and releases inside button
- Button inside pushed-in locks knob outside
- Knob inside retracts latch and releases button
- Push button can not be pushed-in unless door is in closed position
- Deadlocking latch
- **ANSI F90**

70 Electromechanical (Fail Safe)

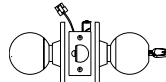
8G70



- Key outside retracts latch
- Power on locks knob outside
- Power off unlocks knob outside
- Knob inside always retracts latch
- Deadlocking latch
- Supplied with 8 Pin Connector with 2 wires
- ElectroLynx™ Hinge for 8G70 is a McKINNEY QC2
- Wood doors require an L or E Rose design only

71 Electromechanical (Fail Secure)

8G71

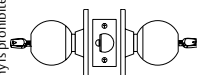


- Key outside retracts latch
- Power off locks knob outside
- Power on unlocks knob outside
- Knob inside always retracts latch
- Deadlocking latch
- Supplied with 8 Pin Connector with 2 wires
- ElectroLynx™ Hinge for 8G71 is a McKINNEY QC2
- Wood doors require an L or E Rose design only

Double Cylinder Functions

16 Classroom Security, Apartment, Exit or Privacy

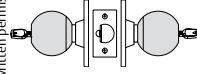
8G16/9G16



- Key outside retracts latch
- Key inside locks & unlock knob outside
- Knob outside retracts latch, except when locked
- Knob inside always retracts latch
- Deadlocking latch
- **ANSI F88**

◆ 17 Utility, Asylum or Institution

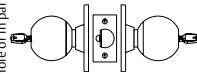
8G17



- Key from either side retracts latch
- Both knobs rigid at all times
- Deadlocking latch
- **ANSI F87**

◆ 26 Store or Storeroom

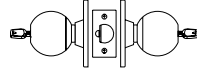
8G26/9G26



- Key from either side lock & unlock both knobs
- Knobs on either side retract latch except when locked by key
- Deadlocking latch
- **ANSI F91**

◆ 30 Communicating

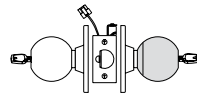
8G30/9G30



- Key in either knob locks or unlocks its own knob
- Either knob retracts latch unless locked
- Deadlocking latch
- **ANSI F80**

◆ 74 Electromechanical (Fail Safe)

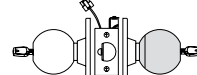
8G74



- Key from either side always retracts latch
- Knob outside always rigid
- Power on locks inside knob
- Power off unlocks inside knob
- Deadlocking latch
- Supplied with 8 Pin Connector with 2 wires
- ElectroLynx™ Hinge for 8G74 is a McKINNEY QC2
- Wood doors require an L or E Rose design only

◆ 75 Electromechanical (Fail Secure)

8G75



- Key from either side always retracts latch
- Knob outside always rigid
- Power off locks inside knob
- Power on unlocks inside knob
- Deadlocking latch
- Supplied with 8 Pin Connector with 2 wires
- ElectroLynx™ Hinge for 8G75 is a McKINNEY QC2
- Wood doors require an L or E Rose design only

NOTE: Shaded knob indicates it is rigid at all times

◆ Use only on rooms with more than one exit

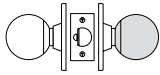
Functions

8/9 Line Bored Knob Locks

Non-Cylinder Functions

13 Exit

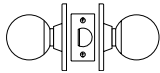
8G13/9G13



- Knob inside always retracts latch
- Knob outside rigid at all times
- Deadlocking latch
- ANSI F89

15 Passage

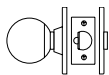
8U15/9U15



- Either knob retracts latch
- ANSI F75

15-3 Exit or Twin Communicating

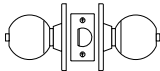
8G15-3



- Knob inside retracts latch
- Rose outside is blank
- Deadlocking latch
- Minimum clearance of 1" (25mm) required between doors

65 Privacy/Bathroom

8U65/9U65



- Either knob retract latch unless outside knob is locked by push button
- Push button is released by turning inside knob or closing the door
- Emergency button in outside knob unlocks outside knob with use of a blade screw driver or emergency key and releases inside button
- Emergency key supplied only when ordered separately (14-0300)
- ANSI F76

93 Single Knob Pull

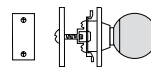
8U93/9U93



- Knob and rose attached by through-bolt
- Requires 1-1/2" (38mm) diameter hole, one side only – see template

93-2 Single Knob Pull

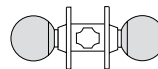
8U93-2/9U93-2



- Knob and rose attached by one through-bolt
- Requires 1-1/2" (38mm) diameter hole, one side only – see template
- Dummy front plate

94 Double Knob Pull

8U94/9U94



- Knob and rose joined by aligning tube
- Requires 1-1/2" (38mm) diameter hole – see template

NOTE: Shaded knob indicates it is rigid at all times

◆ Use only on rooms with more than one exit

NOTE: When ordering: the G means lock includes dead locking latch (ex 8G13); the U means the lock does not include deadlocking latch (ex 8U65).

Installation Wrench



- Provided with lock

14-0299 Lockout Key



- Provided with lock

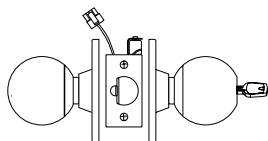
Electromechanical Functions & Accessories

8 Line Bored Knob Locks

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70 Electromechanical (Fail Safe) 71 Electromechanical (Fail Secure)

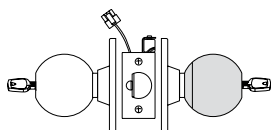
8G70



- 8G70: Power off, unlocks outside knob
- 8G71: Power off, locks outside knob
- Deadlocking latch
- Key retracts latch
- Inside knob always allows egress
- Voltage requirements: 24VDC Regulated
- 250mA at 24VDC
- Provided with ElectroLynx™ 8-Pin Connector
- Wood doors require an L or E Rose design only

74* Electromechanical (Fail Safe) 75* Electromechanical (Fail Secure)

8G74



- 8G74: Power off, unlocks inside knob
- 8G75: Power off, locks inside knob
- Key from either side always retracts latch
- Knob outside always rigid
- Deadlocking latch
- Voltage requirements: 24VDC Regulated
- 250mA at 24VDC
- Provided with ElectroLynx™ 8-Pin Connector
- Wood doors require an L or E Rose design only

24VDC Power Supplies:



- UL Class 2 Listed
- Four 24V models available
- Integral battery charging capability keeps sealed lead acid gel/cell at full charge in case of line voltage failure (737-battery sold separately)
- Fused line voltage input with one, four, or eight DC outputs (depending on model)
- Each circuit can be individually turned on and off via a slide switch; the power status of each is shown by an LED.
- In the event of a DC short the problem is confined to the zone of difficulty
- Fire alarm interface standard

Requirements for Electrical and Data Transfer

To answer the demand for "smart" electronic access control and locking solutions that require fast, easy, and cost-effective installation, ASSA ABLOY Group brands use the ElectroLynx standardized plug-in connectors and color-coded wiring system.

With ElectroLynx®, doorway components come pre-wired for easy hookup to the power source. Key to the system is the transfer device hinge that carries power from the frame to the locking hardware.

Features of ElectroLynx:

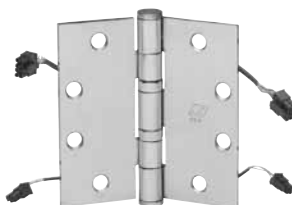
- Makes it easy to bring power to the locking hardware
- Wires have connectors that snap together, like plugging a telephone into a jack

To connect 8 Line Electrified Lock to the electronic access control system, the following items are required:

- 8 Line Electrified Lock
- ASSA ABLOY Door Group pre-wired door, or ElectroLynx retrofit cable (order from McKINNEY)
- Electronic transfer device (ElectroLynx electronic transfer hinge or Electrical Power Transfer with standard hinge, from McKINNEY)
- ElectroLynx cable from the hinge to above the ceiling (order from McKINNEY)

Information regarding cable selection, hinge requirements and order strings can be found in the McKinney Transfer Device Solutions catalog. Consult 800-810-WIRE (9473) with questions on application specifications and requirements.

McKINNEY QC8 ElectroLynx Hinges are recommended for Electrified 8 Line Applications



* Use only on rooms with more than one exit.

SARGENT MODEL No.	DESCRIPTION
3520	24V - 1 AMP POWER SUPPLY
3540	24V - 2 AMP POWER SUPPLY
3550	24V - 4 AMP POWER SUPPLY
3570	24V - 6 AMP POWER SUPPLY
738	24V - 5 AMP HOUR BACKUP BATTERY

Specifications

For Doors	1-3/4" (44mm) thick doors only
UL Listed	UL Listed to U.S.A. and Canadian safety standards. Listed for 3 Hour Doors (double doors require 41-option)
Templates	Special templates are required for wood doors. Consult factory
Power	24VAC/VDC; 1/4 Amp per lock. If more than one unit is used with the same power supply, units should be wired in a parallel circuit
Solenoid	UL approved. Designed for both intermittent and continuous duty

Latches

8/9 Line Bored Knob Locks

SARGENT®
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Latch Assemblies

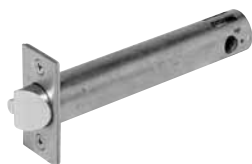
Part	Code	Type	Function
Standard 2-3/4" (70 mm) Backset			
08-2500	A	Latch	15
08-2510	B	Deadlocking latch	04, 05, 13, 15-3, 16, 17, 26, 30, 37, 39, 70, 71, 74, 75
08-2520	C	Latch	65
08-2530	D	Deadlocking latch	50
08-3364	J	Deadlocking latch	44, 54
08-3416	K	Deadlocking latch	24
23- Option 3-3/4" (95mm) Backset			
08-4346	A	Latch	15
08-4347	B	Deadlocking latch	04, 05, 13, 15-3, 16, 17, 26, 30, 37, 39, 70, 71, 74, 75
08-4348	C	Latch	65
08-4349	D	Deadlocking latch	50
08-4352	J	Deadlocking latch	44, 54
08-4353	K	Deadlocking latch	24
25- Option 5" (127mm) Backset			
08-2501	A	Latch	15
08-2511	B	Deadlocking latch	04, 05, 13, 15-3, 16, 17, 26, 30, 37, 39, 70, 71, 74, 75
08-2521	C	Latch	65
08-2531	D	Deadlocking latch	50
08-3423	J	Deadlocking latch	44, 54
08-3417	K	Deadlocking latch	24
41- Option 2-3/4" (70mm) Backset, 3/4" (19mm) Throw Latch			
08-2517		Deadlocking latch	04, 05, 15, 15-3, 16, 26, 37 (8 line only)

NOTE: Code letter stamped on inside corner of latch front identifies function(s) compatible with the latch assembly

Latches

- To order latch with lock, specify option. Example: 23-8G05 x OB x 26D x 3-3/4" (95mm) backset
- To order latch separately, specify: part number x finish (see table above)
- Front size: 2-1/4" (57mm) x 1-1/8" (29mm)
- Finishes: 3, 4, 10, 10B, 10BL, 20D, 32, 32D

23- or 25- Option: Extended Backsets



- 23- Option: 3-3/4" (95mm)
- 25- Option: 5" (127mm)
- Other backsets available for 8 Line - consult factory

41- Option: 3/4" (19mm) Throw for Pairs of Doors

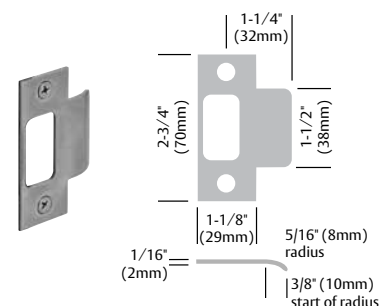


- For use on pairs of doors
- Deadlocking latch listed by Underwriters' Laboratories for use on 3-hour (A Label) pairs of doors
- Available functions: 8G04, 8G05, 8U15, 8G15-3, 8G16, 8G26 and 8G37. Not available with 9 line
- 2-3/4" (70mm) backset only
- Please note: Special door prep required for 41- option — see template book

Strikes

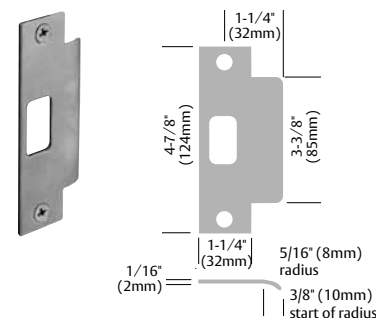
- Finishes: 3, 4, 10, 10B, 10BL, 15, 20D, 32, 32D
- Lock with 26 finish is supplied with 32 strike; 26D lock is supplied with 32D strike
- To order strike separately, specify: strike x finish x lip length

2-3/4" Curved Lip Strike – Standard



- Furnished standard with 1-1/4" (32mm) curved lip from center of strike screw holes to end of lip
- Lip lengths 7/8" (22mm), 1" (25mm), 1-1/4" (32mm) standard, 1-1/2" (38mm), 1-3/4" (44mm) and 2" (51mm)
- To order strike separately, specify 800 strike x finish x lip length

4-7/8" Curved Lip Strike: (28- Option)



- Conforms to ANSI standard
- Furnished standard with curved lip 1-1/4" (32mm) from center of strike screw holes to end of lip
- Lip lengths 7/8" (22mm), 1-1/8" (29mm), 1-1/4" (32mm), 1-3/8" (35mm), 1-5/8" (42mm), 1-7/8" (48mm), 2-1/8" (54mm), 2-3/8" (60mm), 2-5/8" (66mm), 2-7/8" (73mm)
- To order strike separately, specify 808 strike x finish x lip length

Retrofit Options

8/9 Line Bored Knob Locks

SARGENT®
ASSA ABLOY

SARGENT 6010 Replacement Kit — for 7600 Integra Locks



Sub Front



800 Strike



808 Strike

- For installation of standard backset 8/9 line lock replacing old 7600 Integra locks in wood doors
- Finishes: 3, 4, 10, 10B, 10BL, 15, 20D, 26 and 26D
- Replacement Kit consists of:

Quantity	Item	Item Number	Size
1	Sub Front	08-0562 x finish	4-1/4" (108mm) x 1-1/4" (32mm)
1	Strike (must specify 800 or 808)	800 x finish (with screws) 808 x finish (with screws)	2-3/4" (70mm) x 1-1/4" (32mm) x 1-1/4" (31mm) 4-7/8" (121mm) x 1-1/8" (29mm) x 1-1/4" (31mm)
1	Strike Box	08-0055 77-1141	For 800 Strike For 808 Strike (ANSI)
2	Sub Front Screws	01-5001	#10-24 x 3/4" (19mm)

NOTE: Strikes will not retrofit for strikes 4-1/4" (108mm) x 1-1/8" (29mm) x 1-1/4" (32mm) lip length
Lock will not retrofit for lock front plate size 5-1/4" (133mm) x 1-1/4" (32mm) – (example 36-7600 locks)

Large Rose and Cover Plate



"L" Rose
3-1/2" (89mm) diameter
Order: 08-3311 x finish



Cover Plate
3" (76mm) x 12" (305mm)
Order: 06-0037 x finish
(2 qty. required)

- To cover existing holes on face of door
- "L" roses can be ordered with the 8 line/9 line lock
Example: 8G05 LB 26D
- Cover plate, if required, must be ordered separately

Screws –
Order: 01-2037 x finish
(8 qty. required)

Mechanical Options & Strikes

8/9 Line Bored Knob Locks

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Mechanical Options:

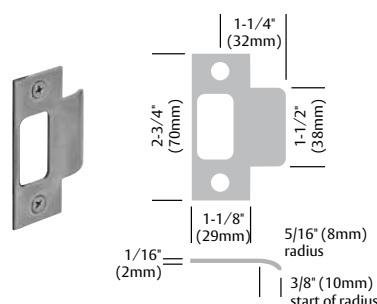
Backset Options	23-	3-3/4" Backset x 2-1/4" x 1-1/8" Front
	25-	5" Backset x 2-1/4" x 1-1/8" Front
Strike	28-	Strike #808. Lip length 1-1/4". Lip lengths 1-5/8" to 2-7/8" in 1/4" increments only"
Thick Doors	31-‡	Thick doors 1-7/8" to 2-1/4"; must specify thickness of door, panel size & location and hand (8 line only); for doors over 2-1/4" to 6", contact factory
Security Fasteners	36-	Six lobe security head screws
	37-	Spanner head screws
3/4" Throw	41-‡	3/4" Throw latchbolt x 2-3/4" backset
Lead Lined	74-	Lead lined (specify components inside, outside and/or latch tube)
Tactile Warning Options	75-	Tactile Warning - Handicap warning knurled knob inside
	76-	Tactile Warning - Handicap warning knurled knob outside
	77-	Tactile Warning - Handicap warning knurled knob inside & outside
	85-	Tactile Warning - Abrasive coating on inside knobs
	86-	Tactile Warning - Abrasive coating on outside knobs
	87-	Tactile Warning - Abrasive coating on both knobs
Finish Protection	SG-	MicroShield™ antimicrobial clear powder coat (Not available with 10B Finish)
Box Strike	WBS-	Wrought Box Strike

‡ Options not available for 70, 71, 74, 75 functions

Strikes

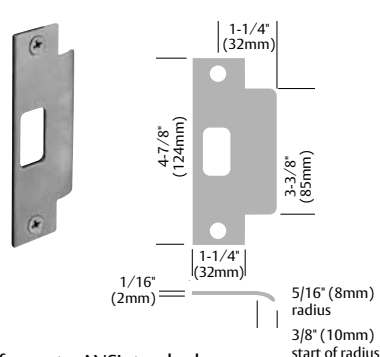
- Finishes: 3, 4, 10, 10B, 10BL, 15, 20D, 32, 32D
- Lock with 26 finish is supplied with 32 strike; 26D lock is supplied with 32D strike
- To order strike separately, specify: strike x finish x lip length

2-3/4" Curved Lip Strike – Standard



- Furnished standard with 1-1/4" (32mm) curved lip from center of strike screw holes to end of lip
- Lip lengths 7/8" (22mm), 1" (25mm), 1-1/4" (32mm) standard, 1-1/2" (38mm), 1-3/4" (44mm) and 2" (51mm)
- To order strike separately, specify 800 strike x finish x lip length

4-7/8" Curved Lip Strike: (28- Option)



- Conforms to ANSI standard
- Furnished standard with curved lip 1-1/4" (32mm) from center of strike screw holes to end of lip
- Lip lengths 7/8" (22mm), 1-1/8" (29mm), 1-1/4" (32mm), 1-3/8" (35mm), 1-5/8" (42mm), 1-7/8" (48mm), 2-1/8" (54mm), 2-3/8" (60mm), 2-5/8" (66mm), 2-7/8" (73mm)
- To order strike separately, specify 808 strike x finish x lip length

Cylinder Options

8/9 Line Bored Knob Locks

SARGENT
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Cylinder Options:

Conventional Cylinder	-	SARGENT Conventional Cylinders supplied Standard (Nomenclature not required) 0.226"
Degree Key System	DG1-*	SARGENT Degree Key System Level 1 (bump resistant with patented keys)
	DG1-21-*	Degree Level 1 Construction Master Keying
	DG1-65-*	Degree Level 1 Unassembled/Uncombined Core
	DG2-*	SARGENT Degree Key System Level 2 (geographically exclusive;bump and pick resistant)
	DG2-21-*	Degree Level 2 Construction Master Keying
	DG2-65-*	Degree Level 2 Unassembled/Uncombined Core
	DG3-*	SARGENT Degree Key System Level 3 (geographically exclusive; UL437 Certified; bump and pick resistant)
	DG3-21-*	Degree Level 3 Construction Master Keying
Signature Key System	10-*	SARGENT Signature Key System
Signature: Large Format Interchangeable Core (Removable Core)	10-63-*	SARGENT Signature LFIC (Removable Core) Cylinder ("C" knob only)
XC- Key System	11-*	XC Key System (not available with other Key Systems, unless specified)
XC- Large Format Interchangeable Core (Removable Core)	11-60-‡	Lock to accept XC- Permanent LFIC (Removable Core), Disposable plastic Core- provided ("C" knob only)
	11-63-‡	Lock provided with XC- LFIC (Removable Core) Cylinder – (includes masterkeying, grand masterkeying) ("C" knob only)
	11-64-‡	Lock provided with Keyed construction core to accept XC- LFIC (Removable) Permanent Core (ordered separately) ("C" knob only)
Construction Key Systems	21-*	SARGENT Lost Ball Construction Keying for Conventional, XC and Signature Series (N/A with 63- or 73-)
	22-*	SARGENT Construction Split Key System for Conventional Cylinders (existing systems only) (N/A with 10-, 11-, 63- or 73-)
Large Format Interchangeable Core (Removable Core)	60-‡	Lock provided with LFIC (Removable Core) Cylinder - (Includes masterkeying, grand masterkeying) ("C" knob only)
	63-‡	Lock provided with LFIC (Removable Core) Cylinder - (Includes masterkeying, grand masterkeying) ("C" knob only)
	64-‡	Lock provided with Keyed construction core to accept LFIC (Removable) Permanent Core (ordered separately) ("C" knob only)
Keso & Keso F1	81-	Lock provided with housings to accept Keso (83) & Keso F1 (F1-83-) removable cores. (Permanent Cores Ordered Separately)
	82-*	Lock provided with SARGENT Keso Security Cylinder
	F1-82-*	Lock provided with SARGENT Keso F1 Security Cylinder (Patented)
	83-‡	Hardware supplied with SARGENT Keso Security Removable Core cylinder
	F1-83-	Hardware supplied with SARGENT Keso F1 Security Removable Core cylinder (Patented)
	84-‡	Hardware provided with SARGENT Keso Construction Cores (Permanent Cores ordered separately)
Bump Resistant	BR-	Bump Resistant Cylinder (available with Conventional & Conventional XC Cylinders only)
Less Cylinder	LC-	Lock supplied less Cylinder

Note: To order the 8/9 Line Bored Knob lock for use with ASSA V-10 (VA & VS) cylinders, specify the Less Cylinder (LC-) option. V-10 cylinders are available from ASSA, Inc. @ 800-235-7482

* Options not available with 8G50

‡ Options not available for 70, 71, 74, 75 functions

How to Order, Finishes/Packaging & Architectural Specifications

8/9 Line Bored Knob Locks

SARGENT®
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How To Order

Specify	Note	Example
Quantity	Number Ordered	1 Qty
*Option	Additional Feature	1 Qty 31-
Lock Function	See Functions	1 Qty 31-8G05
Trim Design	Rose x Knob	1 Qty 31-8G05 OB
Finish	See Finishes	1 Qty 31-8G05 OB 26D
Door Thickness	Specify if Centered or Offset	1 Qty 31-8G05 OB 26D x 2" (51mm) door centered
Additional Information	Item/Heading Number, Door Number, Keyset Information	1 Qty 31-8G05 OB 26D x 2" (51mm) door centered x Item 01 x DRL201 x Keyset AA3

* Can choose multiple options

Packaging

28-8G05 x OB x 32D
2 lbs 13 oz (1.3 kg)

6 Lobe & Spanner Bit Packs

Part Number	Description
82-3855	6 Lobe Bit Pack, 7 Bits (sizes- T8, T9, T10, T15, T20, T25, T27) Requires 9/32" (7mm) Driver
82-3856	Spanner Bit Pack, 5 Bits (sizes- 6, 8, 10, 12, 1/4) Requires 1/4" (6mm) Driver

Finishes

US Finish	Descriptions	ANSI/BHMA
3	Polished brass, clear coated	605
4	Satin brass, clear coated	606
9	Polished bronze, clear coated	611
10	Satin bronze, clear coated	612
10B	Oxidized bronze, oil rubbed	613
10BL	Oxidized satin, bronze, clear coated	614
15	Satin nickel, clear coated	619
20D	Statuary dark bronze, clear coated	614
26	Polished chrome	625
26D	Satin chrome	626
SG	MicroShield® available on all finishes except 10B (613)	
Split finishes available. Specify outside finish first		
Custom colors available, consult factory		

Suggested Architectural Specifications

2.1 Heavy Duty Bored Lock		
A. All bored knob locks shall be manufactured by Sargent Manufacturing Company, New Haven, CT.	E. Locks shall comply with UL10C and UBC 7-2 positive pressure requirements.	H. Latch shall be minimum 1/2" (13mm) throw.
B. Locks shall be certified ANSI A156.2 Series 4000, Grade 1.	F. Locks required for fire doors shall be listed by Underwriters Laboratories for ratings of 3 hours (A label) and less, for doors up to 4'0" (1.2m) x 10'0" (3.0m) and pairs of doors 8'0" (2.4m) x 10'0" (3.0m).	I. Locks shall have 2-3/4" (70 mm) backset, standard.
C. Locks shall be completely reversible without disassembly of cylinder and knob.	G. Latch assemblies must be encased within the lock body.	J. Locks shall have brass 6-pin cylinder, standard.
D. Locks shall be able to fit a standard 2-1/8" (55 mm) bore (161 prep) without the use of through-bolts. Standard rose size shall be 2-3/4" (70 mm) diameter.		K. Provide two brass keys with each lock.
		L. Locks shall have a one year limited warranty.



SARGENT Manufacturing Company
100 Sargent Drive, New Haven, CT 06511 USA
800-727-5477 • www.sargentlock.com

Founded in the early 1800s, SARGENT® is a market leader in locksets, cylinders, door closers, exit devices, electro-mechanical products and access control systems for new construction, renovation, and replacement applications. The company's customer base includes commercial construction, institutional, and industrial markets.

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ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

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